

Sidewalk & Infrastructure Revitalization -- No. 508182

Category	Transportation	Date Last Modified	January 08, 2008
Subcategory	Highway Maintenance	Required Adequate Public Facility	No
Administering Agency	Public Works & Transportation	Relocation Impact	None.
Planning Area	Countywide	Status	On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	3,605	0	790	2,815	450	473	473	473	473	473	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	39,816	0	5,131	34,685	5,550	5,827	5,827	5,827	5,827	5,827	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	43,421	0	5,921	37,500	6,000	6,300	6,300	6,300	6,300	6,300	*

FUNDING SCHEDULE (\$000)

Contributions	4,044	0	1,044	3,000	500	500	500	500	500	500	0
Current Revenue: General	12,263	0	4,367	7,896	3,548	4,348	0	0	0	0	0
G.O. Bonds	27,114	0	510	26,604	1,952	1,452	5,800	5,800	5,800	5,800	0
Total	43,421	0	5,921	37,500	6,000	6,300	6,300	6,300	6,300	6,300	0

DESCRIPTION

This project provides for the removal and replacement of damaged or deteriorated sidewalks, curbs, and gutters in business districts and residential communities. The County currently maintains about 1,034 miles of sidewalks and about 2,098 miles of curbs and gutters. Many years of paving overlays have left some curb faces of two inches or less. Paving is milled, and new construction provides for a standard six-inch curb face. The project includes: overlay of existing sidewalks with asphalt; base failure repair and new construction of curbs; and new sidewalks with handicapped ramps to fill in missing sections. Some funds from this project support the Renew Montgomery and Main Street Montgomery programs. A significant aspect of this project has been and will be to provide safe pedestrian access and ensure ADA compliance.

Mileage of sidewalks and curb/gutters has been updated to reflect the annual acceptance of new infrastructure to the County's inventory.

COST CHANGE

Increase due to the addition of FY13 and FY14 to this ongoing project.

JUSTIFICATION

Curbs, gutters and sidewalks have a service life of 30 years. Freeze/thaw cycles, de-icing materials, tree roots, and vehicle loads accelerate concrete failure. The County should replace 70 miles of curbs and gutters and 35 miles of sidewalks annually to provide for a 30 year cycle. Deteriorated curbs, gutters, and sidewalks are safety hazards to pedestrians and motorists, increase liability risks, and allow water to infiltrate into the sub-base causing damage to roadway pavements. Settled or heaved concrete can trap water and provide breeding places for mosquitoes.

A Countywide inventory of deteriorated concrete was performed in the late 1980's. Portions of the Countywide survey are updated during the winter season. The March 2006, "Report of the Infrastructure Maintenance Task Force," identified an annual replacement program level of effort based on a 30 year life for curbs and gutters.

OTHER

The Department of Public Works and Transportation maintains a list of candidate projects requiring construction of curbs and gutters based on need and available funding. The design and planning stages, as well as final completion of the project will comply with the Department of Public Works and Transportation (DPWT), Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway and Transportation Officials (AASHTO), and Americans with Disabilities Act (ADA) standards.

FISCAL NOTE

Since FY87, the County has offered to replace deteriorated driveway aprons at the property owners' expense up to \$500,000. Payments for this work are displayed as "Contributions" in the funding schedule.

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY81	(\$000)
First Cost Estimate		
Current Scope	FY09	43,421
Last FY's Cost Estimate		35,440
Appropriation Request	FY09	6,000
Appropriation Request Est.	FY10	6,300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,921
Expenditures / Encumbrances		5,175
Unencumbered Balance		746
Partial Closeout Thru	FY06	66,148
New Partial Closeout	FY07	4,619
Total Partial Closeout		70,767

COORDINATION

Washington Suburban Sanitary
Commission
Other Utilities
Montgomery County Public Schools
Homeowners
Montgomery County Pedestrian Safety
Advisory Committee
Commission on People with Disabilities

MAP

